

S/169/62/000/003/023/090
E202/E392

AUTHORS: Bologa, M. and Vășaru, Gh.

TITLE: Radioactivity of atmospheric residues and dry
deposits in Cluj

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 8, 1962, 19,
abstract 8B149. (Studii și cercetări fiz. Acad. RPR",
v. 12, no. 3, 1961, 609 - 612)

TEXT: The results of measurements are given.

Abstracter's note: Complete translation. ✓

Card 1/1

SOV/70-4-4-22/34

AUTHORS: Boyarskaya, Yu.S., Keloglu, Yu.P., Bologa, M.K. and Medenets, V.V.

TITLE: A Study of the Dependence of Microhardness on Loading in Single Crystals of NaCl

PERIODICAL: Kristallografiya, 1959, Vol 4, Nr 4, pp 597-602 + 1 plate (USSR)

ABSTRACT: The microhardness of natural NaCl crystal, freshly cleaved and artificially coloured, was measured with a PMT-3 microhardness tester as a function of load. Loads up to 100 g were used. Up to 12₂g the hardness increased steadily from 20 to 24 kg/mm² but by 25 g the hardness has returned to about 21 kg/mm². Crystals uncoloured, those coloured in various ways and those decolourised behave in substantially the same way. The reaction pressure of the imprint mark for an elastic crystal is treated theoretically and experimentally. The elastic reaction of impressions is shown to be a small effect and shows no influence on the measurement of the microhardness. This reaction also has no

Card1/2

SOV/70-4-4-22/34
A Study of the Dependence of Microhardness on Loading in Single
Crystals of NaCl

influence on the anisotropy of the formation of the
imprints on the (100) faces of NaCl. Near the edges
of the imprints bulging and denting of the material is
found, which does have a substantial influence on the
measurement of the microhardness. There are 7 figures,
1 table and 13 references, of which 11 are Soviet and
2 German.

ASSOCIATION: Kishinevskiy universitet (Kishinev University)

SUBMITTED: June 21, 1958

Card 2/2

9.3/20 2201 2301
9.4/30 2801 3001
2104

83407
S/081/60/000/011/002/003
A003/A001

Translation from: Referativnyy zhurnal. Khimiya, 1960, No. 11, p. 39, # 41749

AUTHOR: Bologa, M.K.

TITLE: The Secondary Emission of Films of the Cu-Sb System

PERIODICAL: Uch. zap. Kishinevsk. un-t, 1959, Vol. 39, pp. 79-83

TEXT: Films of Cu-Sb alloys were obtained by the joint evaporation of the components with deposition on a glass base layer. In this case the stoichiometric compound Cu_2Sb was formed in the central part of the film. The secondary emission of Cu_2Sb does not depend on the temperature and the thickness of the film. The maximum coefficient of secondary emission ($\delta = 2.2$) is attained at high energies of the primary electrons (500-600 ev), which fact approximates Cu_2Sb to semiconductors. An excess of Cu or Sb in the Cu_2Sb compound decreases δ . In the case of an increase in the Cu excess a smoother decrease of δ is observed than with an increase in the Sb excess. This points to the low solubility of Sb in Cu_2Sb . X

V. Neshpor

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

BOLOGA, M. K.

Can Tec Sci, Diss -- "Convective heat exchange of the flat elements of solar installations". Moscow, 1961. 17 pp. with graphics, 20 cm (Acad Sci USSR. Power Inst imeni G. M. Krzhizhanovskiy), 200 copies, Not for sale (KL, No 9, 1961, p 181, No 24327). [61-53010]

24.7400

78105
SOV/70-5-1-14/50

AUTHORS:

Boyarskaya, Yu. S., Keloglu, Yu. P., Bologa, M. K.,
Dunayeva, S. M.

TITLE:

Study of the Effects of Some Factors on the Hardness
of KCl and NaCl Single Crystals

PERIODICAL:

Kristallografiya, 1960, Vol 5, Nr 1, pp 98-104 (USSR)

ABSTRACT:

Numerous experiments by various authors are cited. Some of them produced contradictory results and made further studies necessary. The (100) faces of two sets of KCl crystals were etched for different periods with water and tested for the indentation and scratching hardnesses. Both values at first increased with duration of etching for 2-3 min but dropped again to usual values on still further etching. Polishing of (100) faces in saturated KCl solution on a cloth also increased the hardness with time duration for the first 2 min and reduced again on still further duration. However, no hardness increase was evident when specimens were polished with iron oxide instead of KCl

Card 1/3

Study of the Effects of Some Factors on
the Hardness of KCl and NaCl Single Crystals

78105

SOV/70-5-1-14/30

solution. Thus, impregnation of the surface layer with water is believed to be the principal reason for the hardness increase. The reason for its drop with further treatment may be related to the healing of dislocations because of the intermediary action of the impregnating water. The healing as such increases and stabilizes the surface hardness but at the same time eliminates the internal stresses around former dislocations and, consequently, the additional hardness caused by these stresses. To check this concept the authors tested NaCl crystals which a priori had different degrees of structure distortions and obviously required different periods for the healing of their defects. The structure distortions, produced by a repeated alternation of coloring and bleaching procedures, proved to alter the surface hardness of crystals to such a small extent that the hardness changes during the experiments remained within the limits of possible errors. However, longer periods of etching to achieve the maximum surface hardness of more

Card 2/3

Study of the Effects of Some Factors on
the Hardness of KCl and NaCl Single Crystals

78105

SOV/70-5-1-14/30

intensively distorted crystals were obvious. M. V. Klassen-Neklyudova and V. L. Indenbom are acknowledged for advice. There are 6 figures; 4 tables; and 10 references, 8 Soviet, 1 German, and 1 Russian translation of a U.K. paper (by A. H. Cottrell).

ASSOCIATION: Kishinev State University (Kishinevskiy gosudarstvennyy universitet)

SUBMITTED: July 16, 1959

Card 3/3

SZENTGYORGYI, P.; BOLOGA, M.

Application of the chromatographic method in the analysis of some
gaseous mixtures. Studii cerc fiz 11 no.1:221-227 '60. (EEAI 10:1)
(Chromatography) (Mixtures) (Gases)

S/124/63/000/002/009/052
D234/D308

AUTHOR: Bologa, M.K.

TITLE: Convective heat loss of plane units of solar installations

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 2, 1963, 74, abstract 2B472 (Izv. AN MoldSSR, 1961, no. 11(89), 25-36 (summary in Mold.))

TEXT: Heat loss of plane surfaces in transversal flow was investigated experimentally, in wind tunnels with cross-sections of 600 x 600 mm and 250 x 250 mm. Four discs with diameters of 300, 150, 100 and 50 mm and a square plate with side measurement of 200 mm, all made of copper, 9 - 11 mm thick, were investigated. The exposed polished surface was maintained at a constant temperature. The velocity of flow was measured by thermoanemometers, wing anemometers and Prandtl tubes; temperature was measured by mercury thermometers and copper-constantan thermocouples. Results (with an accuracy of up to 4%) for R between 2.5×10^5 and 10^5 , flow velocity

Card 1/2

Convective heat loss ...

S/124/63/000/002/009/052
D234/D308

between 1 and 40 m/sec and temperature of surfaces exposed to the flow up to 350°C, are described by the formula

$$N = 1.41 R^{0.475}$$

Here N = Nusselt's number, R = Reynolds' number. The results are referred to the mean temperature of the boundary layer $t_m = 0.5(t_w + t_f)$, where t_w and t_f are the temperature of the wall and the flowing liquid. The radius of the disk (of the equivalent disk in the case of the plate) is taken as the characteristic dimension. Good agreement exists between experimental results and previously obtained theoretical results (V.A. Baum, M.K. Bologa, P.M. Brdlik. Inzh.-fiz. zh., 1961, v. 4, no. 6, 13-20-RZhMekh. 1962, 2B582). The results are compared with data obtained by other authors.

[Abstracter's note: Complete translation]

Card 2/2

10.4100

2115 2807 2607

23747

S/170/61/004/006/001/015
B129/B212

11.9000

AUTHORS: Baum, V. A., Bologa, M. K., Brdlik, P. M.

TITLE: Heat transfer in the case of a transverse flow around plane surfaces

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, v. 4, no. 6, 1961, 13-20

TEXT: This paper deals with the theoretical and experimental research of heat transfer in vertical plane surfaces. The experimental data agreed well with those obtained theoretically. The heat exchange on plane surfaces surrounded by an air current is of great practical interest since it determines the reliability and life of many technical products. So far, this type of heat exchange has hardly been investigated. Two experiments are known, which treat several points of this problem. The paper of Jakob, which is mentioned in the literature, deals with the case of a plane surface surrounded by an air current. Summarizing, the following can be said: 1) The tests were done on small surfaces and the local heat transfer coefficients had not been determined. 2) The theoretical investigations dealt with the frontal point and its surroundings. It is

Card 1/4

23747

Heat transfer in the case of ...

S/170/61/004/006/001/015
B129/B212

still uncertain whether this solution is valid for the whole surface. The present paper aims at determining this and at investigating the heat transfer in transverse flows around plane surfaces, determining the effect of the dimensions on the mean heat transfer coefficient, and an analysis of the local heat transfer coefficients and their distribution on the surface of the heat exchange. An attempt has also been made by the authors to solve the problem analytically for a plane disk. The theoretical considerations start from the energy equation

$$W_r \frac{\partial t}{\partial r} + W_z \frac{\partial t}{\partial z} = a \left(\frac{\partial^2 t}{\partial r^2} + \frac{1}{r} \frac{\partial t}{\partial r} \right) + a \frac{\partial^2 t}{\partial z^2} \quad (1)$$

(the dissipation function and terms which are pressure dependent have been neglected). Assuming incompressibility of the liquid and neglecting the heat conduction along r the simplified energy equation $W_z dt/dz = a d^2t/dz^2$ is obtained. This equation is solved by employing reduced parameters. The solution shows that the local heat transfer coefficient will not be a function of the disk radius, i.e., it is constant for the whole disk.

Card 2/4

23747

S/170/61/004/006/001/015
B129/B212

Heat transfer in the case of ...

Fig. 1 shows the experimental arrangement which was used for checking the theoretical results. The temperature of the disk surface had been varied from 50-350°C. The air channel having a cross section of 600 · 600 mm furnished an air flow of from 1-17 m/sec (the one having a cross section of 250 · 250 mm showed velocities up to 40 m/sec). The temperature fields on the boundary layer, which were used to determine the distribution of the local heat transfer coefficients along the diameter of the disk, had been measured by changing the location of the thermocouples. The experiment showed that the mean heat transfer coefficients for the whole disk agree with the mean values of the local heat transfer coefficients. These had been found according to the temperature distribution along the boundary layer. It was also found that for $N_{Re} = \text{const.}$ (abstracter's note:

N_{Re} is not defined) the local heat transfer coefficients are practically constant for the whole surface. V. P. Motulevich and G. Shlikhting are mentioned. There are 4 figures and 10 references: 6 Soviet-bloc and 4 non-Soviet-bloc. The most important reference to English-language publication reads as follows: Jakob M., Proc. Phys. Soc., 59, 335, 726, 1947.

Card 3/4

23747

Heat transfer in the case of ...

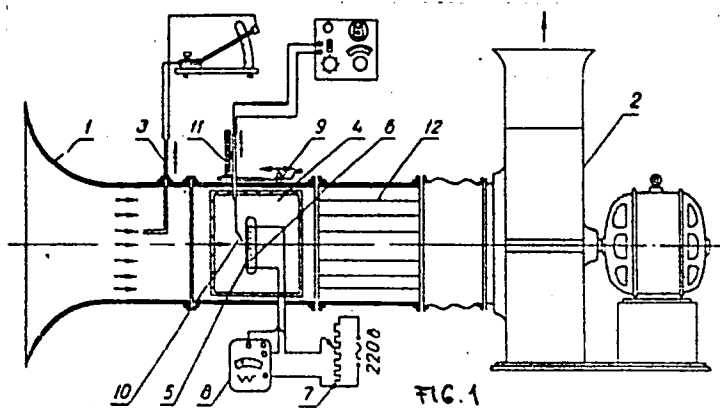
S/170/61/004/006/001/015
B129/B212

ASSOCIATION: Energeticheskiy institut imeni G. M. Krzhizhanovskogo AN SSSR
(Institute of Power Engineering imeni G. M. Krzhizhanovskiy
of the AS USSR)

SUBMITTED: April 8, 1961

Fig. 1: Diagram of the
experimental arrangement

Legend: 1) Wind tunnel;
2) fan; 3) Prandtl tube;
4) observation window;
5) examined disks; 6)
heater; 7) heater con-
trol; 8) voltmeter; 9),
10), and 11) adjusting
device of the micrometer.



Card 4/4

BOLOGA, M.; VASARU, Gh.

Radioactivity of the atmospheric precipitations and deposits at Cluj during the period April 1-December 31, 1960. Studii cerc fiz 12 no.3:609-612 '61.

1. Institutul de fizica atomica, Sectia Cluj.

(Atmosphere) (Radioactive fallout)

REKANT, N. B.; BOLOGA, M. K.

Optical characteristics of electropolished and anodized
aluminum and some properties of oxide films. Izv. AN Mold. SSR
no.9:3-11 '62. (MIRA 16:1)

(Aluminum coating—Optical properties)

BOLOGA, Mircha Kirillovich; BORZUNOV, L.V., red.; SYROV, B.G.,
red.; POLONSKIY, S.A., tekhn. red.

[Solar energy and its utilization] Solnechnaya energiya i ee
ispol'zovanie. Pod red. L.V. Borzunova. Kishinev, Izd-vo
"Shtiintsa" Akad. nauk Moldavskoi SSR, 1962. 68 p.
(MIRA 16:5)

(Solar energy)

BOLOGA, Mircha Kirillovich; BORZUNOV, L.V., red.; SYROV, B.G.,
red.; POLONSKIY, S.A., tekhn. red.

[Solar energy and its use] Solnechnaia energiya i ee ispol'-
zovanie. Pod red. L.V.Borzunova. Kishinev, Izd-vo "Shtiintsa"
AN Moldavskoi SSR, 1962. 68 p. (MIRA 16:7)
(Solar energy)

BOLOGA, M.K.; LEVIN, G.M.; PAUKOV, Yu.N.

Effect of vibration on convective heat transfer. Izv. AN Mold.
SSR. no.3:82-98 '63. (MIRA 17:12)

BORZUNOV, Leonid Vasil'yevich; ~~BOLOGA~~, Mircha Kirillovich;
KOROTUN, Vasiliy Nikitovich; SYKOV, B.G., red.;
SHCHEGLOV, Yu.A., red.

[Energy characteristics of the solar regime of Moldavia]
Energeticheskie kharakteristiki solnechnogo rezhima
Moldavii. Kishinev, Izd-vo "Shtiintsa," 1962. 42 p.
(MIRA 18:5)

ABLOV, A.V.; SAMUS', N.M.; BOLOGA, O.A.

Complex compounds of trivalent cobalt with dimethylglyoxime and organic derivatives of thiourea. Zhur.neorg.khim. 6 no.12:2680-2685 D '61. (MIRA 14:12)

1. Moldavskiy filial AN SSSR, Institut khimii i Kishinevskiy gosudarstvennyy universitet.
(Cobalt compounds) (Glyoxime) (Urea)

ABLOV, A.V.; SAMUS', N.M.; BOLOGA, O.A.

Complex compounds of cobalt (III) with dimethylglyoxime of cis-configuration. Zhur.neorg.khim. 8 no.4:868-870 Ap '63.

(MIRA 16:3)

1. Institut khimii AN Moldavskoy SSR i Kishinevskiy gosudarstvennyy universitet.

(Cobalt compounds) (Glyoxime)

SAMUS', N.M.; BOLOGA, O.A.

Coordination polymerism of trans-dioximines of trivalent cobalt.
Zhur. neorg. khim. 9 no.9:2091-2095 S '64.

(MIRA 17:11)

1. Kishinevskiy gosudarstvennyy universitet AN Moldavskoy SSR.

BOLOGA, V., Prof. Cluj

Popular methods of immunization against smallpox known in the rural areas of Rumania for a long time. Rev. st. med., med. int., Bucur. 6 no.2:112-115 Apr-June 54.

(SMALLPOX, prev. & control

immun. in rural areas of Rumania since 18th century)

(HISTORY MEDICAL

smallpox immun. in rural areas of Rumania since 18th century)

(VACCINES AND VACCINATION

smallpox vacc. in Rumania, hist.)

BOLOGA, V.

15th International Congress of the History of Medicine in Madrid, September 22-29, 1956. p. 53.

(Ocrotirea Sanatatii In R.P.R., Vol. 7, No. 1., Jan/Mar. 1957, Bucuresti, Rumania)

SO: Monthly List of East European Accessions (REAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

16 JUL 1986

(12)
(239)

1. "An Interesting Historical Event in the Life of the Romanian People" (collective work), pp 3-6.
2. "The Origin of the Earth and the Problems of Its Structure and Composition," A. U. IZIL, Doctor of Physical and Mathematical Sciences (Doctor in Science Filico-Matematica); pp 7-15.
3. "On the Geology of the First Romanian Geological Paper," Victor IONESCU and Vasile BODOL, Bucharest; pp 16-19.
4. "Theoretical Considerations on the Subject of Geomorphology," Alex. ION, Researcher (Researcher), Bucharest; English Summary; pp 20-26.
5. "The Development of Power and the Creation of the Unitary Power System in the USSR," I. S. GERTSEV, Researcher (Researcher), Bucharest; English Summary; pp 29-36.
6. "Geomorphological Observations at Hida Rosie," V. IZIL, Bucharest; English Summary; pp 37-39.
7. "Impressions from a Trip in the USSR," Prof. Dr. IONESCU, Bucharest; pp 40-44.
8. "Through Last Regime-School Excursions," Prof. Univ. I. GELICHI, Iasi; pp 44-51.
9. "Itinerary for an Interregional Excursion," G. MARCU, IZIL, Leading Professor (Professor Fruntes), Bucharest; pp 52-57.
10. "School Excursions in Dunare Regime," Prof. Lucia VILCU, Oradea; pp 57-63.
11. "Itinerary and School Excursions in Maramures Regime," Prof. Maria IONACU, Sala Mare; pp 65-71.
12. "The Economic and Social-Cultural Development of RFR," pp 72-73.
13. "South-East Africa," Dr. DRAGU, Lecturer (Lecturer) and I. VASILU, Rural-Industrial, Bucharest, pp 74-77.

--- 1/2 ---

BARUZI, L.; BOLOGA, V.; JURCA, I.; MACARIE, I.

Persian type glass treated with ammonium sulfate. Industria
usoara 11 no.6:322 Je '64.

1. Turda Glass Manufacture.

BOLOGA, VALERIU LUCIAN.

Emil Gh. Racovita, un mare explorator si biolog Romin. Bucuresti, Editura Medicala, 1954, 73 p. (Colectia Societatii pentru Raspindirea Stiintei si Culturii, 121) (Emil G. Racotita, great Rumanian explorer and biologist. illus.)

So. East European Accessions List

Vol. 5, No. 9

September, 1956

BOLOGAN, V.; NAGHY, Al., ing.

Group processing of pieces in small and individual serial production. Probleme econ 15 no.6:136-141 Je '62.

1. Director la Uzina Infratirea, Oradea (for Bologan).
2. Inginer sef la Uzina Infratirea, Oradea (for Naghy).

NISTOR, Dumitru, ing.; BORSI, Adalbert, ing.; BOLOGAN, V., ing.;
MARGINEANU, E., ing. sef; POCOL, Alexandru; SOLOMON, Tr., ing. sef;
SIMEDREA, T., ing.; JENEI, D., ing. sef

Problems of increasing labor productivity in the mechanical
engineering industry. Probleme econ 16 no.12:149-151 D '63.

1. Director, Uzina Unio--Satu Mare (for Nistor). 2. Sef serv. org.
productiei, Uzina Unio--Satu Mare (for Borsi). 3. Director, Uzina
Infratirea-Oradea (for Bologan). 4. Uzina Infratirea-Oradea (for
Margineanu). 5. Director, Uzina Balanta-Sibiu (for Pocol).
6. Uzina Balanta-Sibiu (for Solomon). 7. Director, I.S.Tehnofrig-
Cluj (for Simedrea). 8. I.S.Tehnofrig-Cluj (for Jenei).

BOLOGAN, V., ing.; BERINDE, V., ing.

- Shaving gear wheels after cementing. Constr mas 15 no. 9:
622-628 S '63.

1. Uzina "Infratirea", Oradea.

MARTYNOV, N.V.; SIMONENKO, P.K.; SHASHKOV, S.M.; BOLOGINA, N.I., redaktor;
GALAKTIONOVA, Ye.N., tekhnicheskiiy redaktor

[Computation of road machinery performance] Uchet raboty dorozhnykh
mashin. Moskva, Izd-vo dorozhno-tekhn. lit-ry Gushosdora MPS, 1953.
190 p. [Microfilm] (MLRA 7:10)

(Road machinery--Tables, calculations, etc.)

36262 Trudovets' i Yugo-Sol' Y Kolkhoznov Prolivovskoye Pol'kovnik, 1 89, No.20, S. 80662

SO: Letopis' Zhurnal'nykh Stepi, No 49, 1949

BOLOGOV, B.V., arkhitektor.

For wider use of fruit and berry plants in landscaping yards and
plazas. Gor.khoz.Mosk. 28 no.11:38 N '54. (MLRA 8:1)
(Moscow--Landscape gardening)

BOLOGOV, B.V., arkhitektor.

Landscaping and planting greenery in yards and areas between apartment
houses. Gor.khoz.Mosk.30 no.3:20-21 Mr '56. (MLRA 9:7)
(Moscow--Landscape gardening)

BOLOGOV, B.V., arkhitektor.

Using ornamental fruit and berry plants in landscaping residential
blocks. Gor. khoz. Mosk. 32 no.4:37-39 Ap '58. (MIRA 11:4)
(Moscow--Fruit culture)

BOLOGOV, B.V., arkhitekt

Raise the quality of landscaping in Moscow. Gor. khoz. Mosk. 32
no.8:29-31 Ag '58. (MIRA 11:9)

1. Chlen-korrespondent Obshchestva ispytateley prirody pri
Moskovskom gosudarstvennom universitete.
(Moscow--Landscape gardening)

LEMESH, Vladimir Fillipovich, prof.; BOLOGOV, G.N., red.; BARANOVA, L.G.,
tekhn. red.

[Combined silage and its preparation] Kombinirovannyi silos i ego
prigotovlenie. Leningrad, Izd-vo sel'khoz.lit-ry, zhurnalov i pla-
katov, 1961. 47 p. (MIRA 14:12)
(Ensilage)

BOLOGOV, G.P.

Paragenesis of beaverite in an oxidation zone of sulfide deposits.
Izv. AN Kazakh. SSR, Ser. geol. no. 23:63-73 '56. (MIRA 10:1)
(Beaverite)

BOLOGOV, N.A.

ISAKOV, I.S., prof., admiral flota, otv.red.; PETROVSKIY, V.A., dotsent, kand.voyenno-morskikh nauk, kontr-admiral, red. [deceased]; DEMIN, L.A., dotsent, kand.geograf.nauk, inzh.-kapitan 1 ranga, glavnyy red.; BARANOV, A.N., red.; BERG, L.S., akademik, inzh.-mayor, red.; BOLOGOV, N.A., dotsent, kontr-admiral v otstavke, red.; VITVER, I.A., professor, doktor geograf.nauk, red.; GRIGOR'YEV, A.A., akademik; YEGOR'YEV, V.Ye., zasluzhennyy deyatel' nauki, prof., doktor voyenno-morskikh nauk, kontr-admiral v otstavke, red.; ZIMAN, L.Ya., prof., red.; ZUBOV, N.N., prof., doktor geograf. nauk, inzh.-kontr-admiral v otstavke, red.; KAVRAYSKIY, V.V., prof., doktor fiziko-mat.nauk, inzh.-kontr-admiral v otstavke, red.; KALESHNIK, S.V., prof., doktor geograf.nauk, red.; KUDRYAVTSEV, M.K., general-leytenant tekhn.voyesk, red.; LAMYKIN, S.M., kapitan 1 ranga, red.; MATUSEVICH, N.N., zasluzhennyy deyatel' nauki i tekhniki, prof., doktor fiziko-mat.nauk, inzh.-vitse-admiral v otstavke, red.; [deceased]; MESHCHANINOV, I.I., akademik, red.; MILENKI, S.G., red.; ORLOV, B.P., prof., doktor geograf.nauk, red.; PANTELEYEV, Yu.A., vitse-admiral, red.; SNEZHINSKIY, V.A., dotsent, kand.voyenno-morskikh nauk, inzh.-kapitan 1 ranga, red.; SALISHCHEV, K.A., prof., doktor tekhn.nauk, red.; TRIBUTS, V.F., admiral, red.; FOKIN, V.A., vitse-admiral, red.; SHVEDE, Ye.Ye., prof., doktor voyenno-morskikh nauk, kontr-admiral, red.; SHULEYKIN, V.V., akademik, inzh.-kapitan 1 ranga, red.; PAVLOV, V.V., inzh.-polkovnik, red.; VOLKOV, F.G.,

(Continued on next card)

ISAKOV, I.S.---(continued) Card 2.
 podpolkovnik, pomoshchnik glavnogo red. po izd-vu; SEDOV, N.Ye.,
 kapitan 2 ranga, uchenyy sekretar'; VOROB'YEV, V.I., kapitan
 1 ranga, red.kart; MIGALKIN, G.A., inzh.-kapitan 1 ranga, red.kart;
 GAPONOVA, A.A., red.kart; GONCHAROVA, A.I., red.kart; GORBACHEVA,
 N.Ye., red.kart; GRYUNBERG, G.Yu., red.kart; DUROV, A.G., red.
 kart; YERSHOV, I.B., red.kart; ZIL'BERSHER, A.B., red.kart;
 KASTAL'SKAYA, N.I., red.kart; KUBLIKOVA, M.M., red.kart; MAKAROVA,
 V.N., red.kart; MOROZOVA, A.F., red.kart; PAVLOVA, Ye.A., red.
 kart; POCHUBUT, A.N., red.kart; ROMANOVA, G.N., red.kart; SMIRNOVA,
 L.V., red.kart; SMIRNOVA, L.N., red.kart; TANANKOVA, A.I., red.
 kart; YANEVICH, M.A., red.kart; YASINSKAYA, L.F., red.kart;
 VASIL'YEVA, Z.P., tekhn.red.; VIZIROVA, G.N., tekhn.red.; GOLOVANOVA,
 A.T., tekhn.red.; GOROKHOV, V.I., tekhn.red.; MALINKO, V.I., tekhn.
 red.; SVIDERSKAYA, G.V., tekhn.red.; CHERNOGOROVA, L.P., tekhn.red.;
 FURAYEVA, Ye.M., tekhn.red.

[Marine atlas] Morskoi atlas. Otv.red. I.S. Isakov. Glav.red.
 L.A. Demin. Izd. Morskogo general'nogo shtaba. Vol.1 [Navigation
 geography] Navigatsionno-geograficheskii. Zamestitel' otv. red.
 po I tomu V.A. Petrovskii. 1950. 83 maps. (MIRA 12:1)
 (Continued on next card)

ISAKOV, I.S.---(continued) Card 3.

1. Russia (1923- U.S.S.R.) Voenno-morskoye ministerstvo.
 2. Nachal'nik Morskogo kartograficheskogo instituta voenno-morskikh sil (for Lamykin).
 3. Deystvitel'nyy chlen Akademii pedagogicheskikh nauk RSFSR (for Orlov).
 4. Nachal'nik Gidrograficheskogo upravleniya voenno-morskikh sil (for Tributs).
 5. General'nyy gosudarstv.direktor topograficheskoy sluzhby (for Baranov).
 6. Direktor topograficheskoy sluzhby (for Milenki).
- (Ocean--Maps) (Harbors--Maps)

PETROVSKIY, Nikolay Viktorovich; BOLOGOV, V.S., kand. tekhn.nauk,
reitsenzent; KORCHAGIN, M.I., kand. tekhn. nauk, reitsenzent;
SULOYEV, A.V., nauchn. red.; SHAURAK, Ye.N., red.

[Fundamentals of the design of marine diesel engines] Osnovy
proektirovaniia sudovykh dizel'nykh ustanovok. Leningrad,
Sudostroenie, 1965. 359 p. (MIRA 18:10)

BOLOGOVA, G. D.

"Nucleoproteids and Nucleic Acids of Diphtheria Bacilli." *Cond*
Med Sci, Rostov-on-Don State Medical Inst, Rostov-on-Don, 1 54.
(RZhKhim, No 17, Sep 54)

SO: Sum 432, 29 Mar 55

USSR/Scientific Organization - Law

Card 1/1 : Pub. 123 - 15/17

Authors : Bologova, L.

Title : Scientific conference of the Law Section

Periodical : Vest.AN Kaz. SSR 11/1, 116-121, Jan 1954

Abstract : On December 2-3, 1953, a conference was held by the Law Section of the Kazakh Academy of Sciences, on some questions of law connected with implementing the decision of Fifth Session of the Supreme Soviet of the USSR. Scientific workers and students read reports which were discussed.

Institution : ...

Submitted : ...

SHOSTAKOVSKIY, M.F.; VLASOV, V.M.; GRENOVSKIY, P.I.; BOLOGOVA, V.G.

Polyfunctional acetals. Part 2: Synthesis of new carbonyl-containing acetals. Zhur.ob.khim. 33 no.12:4021 D '63. (MIRA 17:3)

1. Irkutskiy institut organicheskoy khimii Sibirskogo otdeleniya AN SSSR.

BOLOGOVA, Z. N.; Master Med Sci (diss) -- "The effect of hexenal on the higher nervous activity of dogs in normal and neurotic states". Khar'kov, 1959. 16 pp (Khar'kov State Med Inst), 200 copies (KL, No 9, 1959, 117)

4117. 10/11, 10/11, 10/11, 10/11, 10/11, 10/11.

Computers: manual for automatic systems of test, ventilation,
and boiler rooms. 10/11, 10/11, 10/11, 10/11, 10/11, 10/11.
(10/11 10/11)

SOV/112-59-1-348

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 1, p 47 (USSR)

AUTHOR: Bologovskoy, D. Ya.

TITLE: Experience With Laying Distributing Heat Networks by the Lengazset'stroy Administration

PERIODICAL: Tr. Nauchno-tekhn. soveshchaniya po proyektir. i str-vu teplovykh setey. M.-L., Gosenergoizdat, 1956, pp 168-170

ABSTRACT: In 1953, Lengazset'stroy worked out a project for building heat-supply networks; the blueprints included network schematic diagrams, organizational plans, and an annual work schedule. Advantages and disadvantages of this project are noted. A description is offered of construction and erection work and of labor-organizing methods.

M. L. Z.

Card 1/1

BOLOKADZE, K.

Over the fields of Crimea. Grazhd.av. 14 no.7:4 J1 '57. (MLRA 10:9)

1. Zamestitel' komandira podrazdeleniya po politicheskoy chasti.
(Crimea--Aeronautics in agriculture)

BOLOKADZE, R.D.

Elements of the system of eclipsing variable AR Lacertae. Per.
zvezdy 9 no.1:63-66 S'52. (MLRA 8:10)

1. Glavnaya astronomicheskaya observatoriya AN SSSR (Pulkovo)
(Stars, Variable)

BOLOKADZE, K. D.

"Study of Continuous Spectrum of Eclipsing Variable VV Orionis"
Peremennyye Zvezdy, 9, No.6, 1953, pp 379-390

Spectrograms of VV Ori were obtained by Dombrovskiy in Abastuman (September-October 1938) with a Zeiss camera and an objective prism. The results of measurements were corrected for absorption of light by the terrestrial atmosphere. Elements of the circular eclipse were calculated using photoelectric observations of H. Schneller (Kl. Veroeff., Berlin-Babelsberg, No 17 (1936)). The effective temperature of the satellite was found to be $12,100^{\circ}$ and of the main star $22,000^{\circ}$. (RZhAstr, No 11, 1954)

SO: W-31187, 8 Mar 55

BOLOKADZE, R.D.

Determining the elements of eclipsing variable stars U Cephei and
TW Draconis having asymmetric luminosity in minima [with summary in
French]. Per. zvezdy 11 no.5:370-384 J1 '56. (MIRA 12:1)

1.Glavnaya astronomicheskaya observatoriya AN SSSR, Pulkovo.
(Stars, Variable)

SOV/35-59-10-8078

Translation from: Referativnyy zhurnal. Astronomiya i Geodeziya, 1959, Nr 10, p 63 (USSR)

AUTHOR: Bolokadze, R.D.

TITLE: The Absolute Spectrophotometry of the Lower Chromosphere

PERIODICAL: Izv. Gl. astron. observ. v Pulkove, 1958, Vol 21, Nr 3, pp 24-28 (résumé Engl.)

ABSTRACT: The total radiation of 138 weak spectral lines was determined from three spectrograms recorded during the total solar eclipse in 1952 by V.P. Vyanitsyn through a method developed by him. Tables are shown of the logarithm values of the total E radiation of the chromospheric radial band, 1 cm in width and lying above the h level (in a unit solid angle) for various spectral lines. E is given for several values of h (up to 5 for some lines). Values are obtained for 40 lines of the gradient of emission β and the coefficient A, contained in the formula $E = Ae^{-\beta h}$. The spectral lines are identified by correlating the spectrograms with Mitchell's catalogue of chromospheric lines. (Mitchell S.A., Astrophys. J., 1947, Vol 105, Nr 1).

Card 1/1

E.Ye. Dubov

BOLOKADZE, R.D.

Eclipsing variable RZ Comae Berenices. Per.zvezdy 13 no.4:259-
265 Mr '61. (MIRA 15:3)

1. Glavnaya astronomicheskaya observatoriya AN SSSR, Pulkovo.
(Stars, Variable)

BOLOKADZE, R.D.

Absolute spectrophotometry of the lower chromosphere. Izv.
GAO 22 no.4:45-51 '61. (MIRA 14:10)
(Sun)

1. BOLOKH, A., Eng.
2. USSR (600)
4. Clutches (Machinery)
7. Gluing disks on clutches. MTS 12 no. 10, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

AKHUNBAYEV, I.K.; BOLOKH, Yu.A.

Further study of serum proteins in surgical patients. Izv.
AN Kir. SSR. Ser. biol. nauk 5 no.3:11-18 '63.
(MIRA 17:1)

BOLOKHONOVA, G.A.

Distribution of rickets among children in institutions in
Alma-Ata. Zdrav. Kazakh. 23 no.2:55-57'63. (MIRA 16:10)

1. Iz kafedry gosptal'noy pediatrii (zav. - prof. A.I.
Avenirova) Kazakhskogo meditsinskogo instituta.
(ALMA-ATA— RICKETS)

BOLOKHOV, N.I.

Revolving cassette for 8 plates in spot radiography of the stomach.
Vest.rent.i rad. no.3:77-79 Ja-F '55. (MIRA 8:5)

(ROENTGENOGRAPHY, apparatus and instruments,
revolving cassette in stomach x-ray)
(STOMACH, radiography,
revolving cassette)

---BOLOKHOVETS, A.

One family. Sov.profsoiuzy 7 no.4:29-30 Fe '59.

(MIRA 12:5)

1. Profgruporg zavoda "Krasnyy pekar'."
(Bakery employees)

* BOLOKHOVSKIY, A. M.

Cand Tech Sci

Dissertation: "Optimum Geometrical Dimensions of the Toothed Drums of Projectors for 35 mm Films."

27/10/49 27 Oct 49

All-Union Sci Res Inst of Cinematography---

SO Vecheryaya Moskva
Sum 71

BOLOKHOVSKIY, A.

Reeling and unreeling of films in projectors. (To be concluded) Kinome-
khanik no.5:19-23 My '53. (MLRA 6:6)

(Moving-picture projection)

BOLOKHOVSKIY, A.

Reeling and unreeling of films in projectors. Kinomekhanik no.6:25-30
Je '53. (MLRA 6:8)
(Moving-picture projection)

BOLOKHOVSKIY, A.; KARAL'NIK, A.

The PP-16-1 narrow-film motion-picture projector. Kinomekhanik no.8:15-22
Ag '53. (MLRA 6:8)
(Moving-picture projectors)

BOLOKHOVSKIY, A.; KARAL'NIK, A.

The **PP-16-1** 16 mm. motion-picture projector. Kinomekhanik no.9:20-27 S '53.
(MIRA 6:9)
(Moving-picture projectors)

USSR/Optics

K

Abs Jour: Referat Zhur-Fizika, 1957, No 4, 10674

Author : Bolokhovskiy, A., Voloskov, N., Foner', I.

Inst : Not Given

Title : High Power Motion Picture Projector for Wide Screen Motion
Picture Theatres.

Orig Pub: Kinomekhanik., 1956, No 2, 20-24

Abstract: No abstract.

Card : 1/1

¹⁸
BOLOHOVSKIY, Aleksandr Mikhailovich; KARAL'NIK, Avraam Nutovich; PANFILOV,
N.D., red.; MALEK, Z.N., tekhn. red.; SHILINA, Ye.I., tekhn. red.

[Operation of narrow-width motion-picture projectors] Eksploatatsia
uzkoplenochnykh kinoproektorov. Moskva, Gos. izd-vo "Iskusstvo,"
1958. 238 p. (MIRA 11:7)

(Motion-picture projection)

BOLOKHOVSKIY, Aleksandr Mikhaylovich; KARAL'NIK, Avraam Nutovich;
ZHERDETSKAYA, N.N., red.

[Motion-picture projectors for 16 mm films] Kinoproektory
dlia 16-mm kinofil'mov. Moskva, "Iskusstvo," 1964. 319 p.
(MIRA 17:6)

L 39328-65 EWT(m)/EPP(c)/EPR/EMP(j)/T
ACCESSION NR: AP4012186

Pc-4/Pr-4/Pc-4 EM/EM 3/
S/0191/64/000/002/0022/0025 5

AUTHORS: Andrianov, E.A.; Golubkov, G.Ye; Zabyrina, K.I.; Dzhenchel'-
skaya, S.I.; Kolganova, M.A.; Bolondayeva, N.I.

TITLE: Thermo-oxidative degradation of polyphenylpolydimethylsiloxanes

SOURCE: Plasticheskiye massy*, no. 2, 1964, 22-25

TOPIC TAGS: polyphenylpolydimethylsiloxane, oxidation stability,
thermo oxidative degradation, weight loss, bonding ability, poly-
organosiloxane, Arrhenius equation

ABSTRACT: The oxidation stability of the films of two polyorgano-
siloxanes was studied in the 300-500C range by determining weight
loss and bonding ability over a period of up to 90 days. Figures 1
and 2 summarize the data obtained at 300, 350, 400, and 500C. Life-
time curves (figures 3 & 4) for the polymers were constructed based
on these parameters. From these curves it is seen that although the
bonding ability of the 2 polymers differs at the lower weight loss
levels, it reaches agreement when the weight losses are stabilized
(at 27, 30%). Calculations were made assuming the rate of aging (i.e.,

Card 1/5 2

L 39928-65

ACCESSION NR: AP4012186

the change in polymer properties on aging), followed the Arrhenius equation: $d_t = Ae^{-E/RT}$ using E, the activation energy, as 32 kcal./mole.

Calculations are in excellent agreement with experimental data. Orig. art. has: 12 figures, 1 table and 1 equation.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 03

SUB CODE:

NR REF SOV: 002

OTHER: 001

Card 2/3

BOLONDINSKIY, V.K.

Hypothermic effect produced on dogs by different doses of chlorpromazine. Farm. i toks. 25 no.6:667-672 N-D '62.

(MIRA 17:8)

1. Laboratoriya farmakologii tsentral'noy nervnoy sistemy (zav. - prof. G.I. TSobkhallo) i laboratoriya kortiko-vistseral'noy fiziologii i patologii (zav. - prof. I.I. Kurtsin) Instituta fiziologii imeni Pavlova AN SSSR.

BOLONDINSKIY, V.K.; BRITIKOVA, K.F.; LOGINOVA, T.V.

Secretion and enzymes of the intestinal juice in persons with a resected stomach. Trudy Inst. fiziol. 9:170-175 '60.

(MIRA 14:3)

1. Laboratoriya kortiko-vistseral'noy patologii (zaveduyushchiy - I.T.Kurtsin) i Khirurgicheskaya gruppa (rukovoditel' V.I.Sazontov [deceased]) Instituta fiziologii im. I.P.Pavlova.
(INTESTINES—SECRETION) (STOMACH)

BOLONDINSKIY, V.K.; SAZONTOV, V.I. [deceased]

Influence of some stimulants on the motor function of the stomach
and the small intestine in persons with a resected stomach. Trudy
Inst. fiziol. 9:176-180 '60. (MIRA 14:3)

1. Khirurgicheskiy sektor (zaveduyushchiy -- V.I.Sazontov [deceased])
Instituta fiziologii im. I.P.Pavlova.
(DIGESTIVE ORGANS)

BOLONDINSKIY, V.K.,; PASTUKHOV, V.A.

Analysis of intestinal movements in persons with a resected stomach following the action of a mechanical and of some alimentary stimulants. Trudy Inst. fiziol. 9:181-189 '60. (MIRA 14:3)

1. Laboratoriya kortiko-vizterseral'noy patologii (zaveduyushchiy - I.T.Kurtsin) i Khirurgicheskii sektor (zaveduyushchiy - V.I.Sazonov [deceased]) Instituta fiziologii im. I.P.Pavlova.
(INTESTINES) (STOMACH)

BOLONDINSKIY, V.K.

Effect of aminazine on the process of internal differentiated inhibition in dogs. Zhur. vys. nerv. deiat. 12 no.4:707-714 J1-Ag '62. (MIRA 17:11)

1. Laboratory of Pharmacology of Central Nervous System and Laboratory of Cortico-Visceral Physiology and Pathology, Pavlov Institute of Physiology, U.S.S.R. Academy of Sciences, Koltushi.

SOFRONOV, R.S., BOLODINSKIY, V.K.

Reaction of dogs with the weak type nervous system to the effect
of neurotropic substances. Zhur.vys.nerv.deiat. 14 no.9:1013-1018
Nov '64. (MIRA 18 6)

1. Pavlov Institute of Physiology, U.S.S.R. Academy of Sciences,
Kaltanish.

TSOBKALLO, G.I.; BOJONDINSKIY, V.K.

Effect of aminazine on the motility of neural processes in dogs.
Farm. i toks. 27 no.4:387-390 J1-Ag '64.

(MIRA 17:11)

1. Laboratoriya neyrofarmakologii (zav. - prof. G.I. Tsobkallo)
i laboratoriya kortiko-vistseral'noy fiziologii i patologii
(zav. - prof. I.T. Kurtsin) Instituta fiziologii imeni Pavlova
AN SSSR, Leningrad.

BOLONDINSKIY, V.K.

Results of using aminazine in the effect of pathological factors
on the higher nervous activity. Nauch.soot. Inst.fiziol. AN SSSR
no.3:21-25 '65. (MIRA 18:5)

1. Laboratoriya neyrofarmakologii (zav. - G.I. Gorbaklin) i labora-
toriya kortiko-vistseral'noy fiziologii i patologii (zav. - I.T.
Kurtsin) Instituta fiziologii imeni Pavlova AN SSSR.

RUMYANTSEV, Yu. V.; ZHITENEVA, G. M.; BOLONDZ', F. M.

Thermal stability of iron and nickel selenides and tellurides.
Trudy Vost. Sib. fil. AN SSSR no.41:114-120 '62.
(MIRA 15:10)

1. Vostochno-Sibirskiy filial Sibirskogo otdeleniya AN SSSR.

(Iron telluride—Thermal properties)
(Iron selenide—Thermal properties)
(Nickel telluride—Thermal properties)
(Nickel selenide—Thermal properties)

ZHITENEVA, G. M.; RUMYANTSEV, Yu. V.; BOLONDZ', F. M.

Volatility of selenic and telluric silver. Trudy Vost. Sib. fil.
AN SSSR no.41:121-127 '62. (MIRA 15:10)

1. Vostochno-Sibirskiy filial Sibirskogo otdeleniya AN SSSR.

(Silver compounds) (Volatility)

KRYUKOVA, V.N.; RUMYANTSEV, Yu.V.; BOLODZ', F.M.

Investigating the sulfatizing roasting of Transbaikalia
copper ores. Report No. 1. Trudy IPI no.18:56-64 1963.

Investigating the sulfatizing roasting of Transbaikalia
copper ores. Report No. 2. Ibid.:65-70 (MIRA 17.6)

[illegible]

BOLANDZOV

USSR .

7 Fermentation of wood hydrolyzates by thermophilic yeast. M. Ya. Kalyuzhnyi, I. G. Loginova, S. N. Ostannin, G. V. Bolendz, L. A. Solov'yova, and Z. T. Ivanova. *Trudy Inst. Mikrobiol., Akad. Nauk S.S.S.R.* 3, 73-80 (1950). Expts. with a thermophilic strain of *Saccharomyces cerevisiae* showed that at 35-6° the yield of EtOH does not fall behind that attained at conventional 30°. In the development of this strain in wood hydrolyzate at an elevated temp. the actual growth of the organism is retarded in comparison with controls. The cultures must be made accustomed to the medium by residence in it for about 2 weeks prior to the test.

G. M. Koslapoff

CH ⑤

Bolondz - G.V.

A continuous method of fermentation of hydrolyzed wood.
K. P. Andreyev and G. V. Bolondz. *Gidroliz. i Lesezhim.*
Prim. 8, No. 7, 5-7(1955).—A continuous fermentation
process is described. For this purpose 2 new genera of
branched-type yeast were cultivated (Ar-1 and Lv-4),
and their multiplication const. (k) was detd. The rate of
feed of the fermentation liquor (I) is given by the equation:
 y (cu.m./hr./cu.m. of tank vol.) $\sim kx/ac$, where x is the
concn. of the yeast in I in kg./cu. m., a is the increase of
the fermentation mass in kg./kg. of the fermented sugar
(II), and c is the amt. of II in kg./cu. m. The app. consists
of a preheater, 2 fermentation tanks in series, and a conical
settler from which the sediment is returned to the 1st fer-
mentation tank. Characteristic for the above yeasts is
that they grow very rapidly, sorb colored bodies from the
fermentation mass, and settle quickly. T. Jurec

Vsesoyuznyy nauchno-issledovatel'skiy institut gidroliznoy i sul'fitno-
spirtovoy promyshlennosti.

KALYUZHENYI, M.Ya.; BOLONDZ', G.V.

Nature and properties of yeast sorbed by cellulose fibers. Gidroliz.
i lesokhim. prom. 11 no.4:11-14 '58. (MIRA 11:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidroliznoy i
sul'fitno-spirovoy promyshlennosti.
(Yeast) (Cellulose)

KALYUZHNYI, M.Ya.; BOLONDZ', G.V.

Viability and productivity of yeasts in continuous fermentation of
wood hydrolysates. Mikrobiologiya 28 no.3:427-432 My-Je '59.
(MIRA 13:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidroliznoy i
sul'fitno-spirovoy promyshlennosti, Leningrad.

(YEASTS

survival & productivity during continuous fermentation
of wood hydrolysates (Rus))

KALYUZHNIY, M.Ya.; RAYTSEVA, M.K.; BOLONDZ', G.V.

Continuous fermentation of wood hydrolyzates prepared with ammonium and calcium bases. *Gidroliz. i lesokhim.prom.* 13 no.7:10-12 '60.

(MIRA 13:10)

1. Nauchno-issledovatel'kiy institut gidroliznoy i sul'fitno-spiritovoy promyshlennosti.

(Hydrolysis) (Fermentation)

SEKUNOVA, V.N.; BOLONDZ', G.V.; ANDREYEV, K.P.; ABRAMOVICH, M.M.

Enrichment of fodder yeasts with antibiotics and vitamin B₁₂.
Gidroliz.i lesokhim.prom. 15 no.3:3-5 '62. (MIRA 15:5)

1. Nauchno-issledovatel'skiy institut gidroliznoy i
sul'fitnospirovoy promyshlennosti.
(Yeast as feeding stuff) (Antibiotics) (Cyanocobalamin)

SERGEYEV, A.A., red.; ANPILOGOV, I.M., red.; ASSONOV, V.A., red.; BABAYANTS, N.A., red.; BABOKIN, I.A., red.; BALAMUTOV, A.D., red.; BOGORODSKIY, N.N., red.; BOLOHENKO, D.N., red.; BUCHNEV, V.K., red.; VAKHMINTSEV, G.S., red.; VORONKOV, A.K., red.; GARKALENKO, K.I., red.; GORBATOV, P.Ye., red.; GOLOVLEV, V.Ya., red.; DOKUCHAYEV, M.M., red.; DUBNOV, L.V., red.; YEVTEYEV, A.D., red.; YEREMENKO, Ye.K., red.; ZENIN, N.I., red.; KRIVONOGOV, K.K., red.; KUPALOV-YAROPOLK, I.K., red.; MATSYUK, V.G., red.; NIKOLAYEV, S.I., red.; ONISHCHUK, K.N., red.; PETROV, K.P., red.; PILYUGIN, B.A., red.; PLATONOVA, A.A., red.; POLESIN, Ye.L., red.; POKROVSKIY, L.A., red.; POMETUN, D.Ye., red.; POLYUSHKIN, A.Kh., red.; REYKHER, V.P., red.; SEDOV, N.A., red.; SIDORENKO, I.T., red.; FIDELEV, A.A., red.; CHAKHMAKHCHEV, A.G., red.; CHEMODUROV, M.Ya., red.; SHUMAKOV, A.A., red.; YAREMENKO, N.Ye., red.; PARTSEVSKIY, V.N., red.izd-va; ATTOPOVICH, M.K., tekhn.red.

[Standard safety regulations for blasting operations] Edinye pravila bezopasnosti pri vzryvnykh rabotakh. Izd.2. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1958. 318 p. (MIRA 13:1)

1. Russia (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornom nadzoru. (Mining engineering--Safety measures)

1ST AND 2ND ORDERS		PROCESSES AND PROPERTIES INDEX	
517962171-17		26	
11. Investigating the alkaline hydrolysis of gliadin and of gliadin cobalt complex, by E. Belyan, G. M. Kozlov, and I. Kozlov. "Khim. i Tekhnol. Khim. Prilozheniya" — Hungarian Journal of Chemistry, Vol. 56, No. 8, pp. 296-300, Aug. 1970) In the alkaline hydrolysis of gliadin and of gliadin cobalt complex, — in addition to acid amides —, the greater part of serine and threonine are also decomposed and form ammonia. The presence of cobalt accelerates the decomposition of serine catalytically. Arginine remained unchanged during hydrolysis. If hydrolysis is effected in a quartz alembic instead of in a glass alembic, then a polypeptide was formed, which is stable in a normal alkali medium. This polypeptide had a molecular weight of 440 and according to chromatographic analysis, consists of aspartic acid, glycocoll and phenylalanine. Tests made by the Sanger dinitrofluorobenzene method proved that the same three aminoacids alternately form the end groups in the peptide chains of the polypeptide.			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION			
180000 1100000000		180000 1100000000	
180000 1100000000		180000 1100000000	

GROSZ, Z.;BAGDY, D.;BOLONI, E.

Cystine in ophthalmic therapy. Orv. hetil. 93 no. 26:762-763 29
June 1952. (CML 23:3)

1. Doctors. 2. People's Army Sanitation Service and Pharmaceutical
Industry Research Institute.

13640N1
 V39 Possibilities for the improvement of swing-hammer mills (In Russian) - L. Boloni. (*Acta Technica Academiae Scientiarum Hungaricae* Vol. 10, 1955. No. 3-4, pp. 355-366, 31 figs., 3 tabs.) MN

According to Kolmogorov's theory it can be accepted as proved that the distribution of particles produced by the size reduction of inhomogeneous materials is logarithmically normal as a function of particle size. Distribution is determined by two parameters established by means of screening tests. If the parameters are known the factors depending on distribution - e. g. specific surface - are easily computable. Swing-hammer mills, operating at present at a peripheral velocity of 6.5 m per sec. can satisfy only to a slight degree the needs of animal husbandry since the particle size of the product - which depends to a great extent on the peripheral velocity of the hammers - does not meet the required fineness. Increases in the peripheral velocity of the hammers entail higher (nonlinear) increases in power requirements and specific power consumption whereas output and fineness of discharge are only linearly increased. In size reduction the amount of power required for producing a unit area of new surface can be regarded in practice as independent of the peripheral velocity of the hammers since the increase of specific power consumption (kwh per unit weight of product) due to increased peripheral velocity is balanced by the simultaneous increase in particle size. In other words, when using the same mill, a 30 to 40% higher quantity of products can be obtained by the use of an e. g. 3 mm dia. mesh screen at the same specific cost (kwh per unit area of fresh surface) even if a higher total of energy is consumed.

200
 Jm
 RTH

COLANI, I.

Investigation of grass mowers with a narrow cutting surface. I.
(To be contd.) p.268. JARMIVK MEZOGAZDASAGI GEPEK. Budapest.
Vol. 3, No. 9, Sept. 1956.

SOURCE: East European Accessions List, (EEAL), Library of Congress
Vol. 5, No. 12, December 1966.

Investigation of grass mowers with a narrow cutting surface, II

P. 11 (JARMUVÉK MEZOGAZDASÁGI KÖZLEMÉNYEK) Budapest, Hungary Vol 4 no 1. Apr. 1957

SO: Monthly Index of East European Accessions (AEEI) Vol. 6 no 11 November 1957

BOLONI, Istvan; DARABONT, Andor

Testing traveling straw cutters. Mezogazd techn 1 no.7:12-13
'61.

BOLONI, Istvan, dr., a muszaki tudományok kandidátusa

Disintegrating agricultural products. Jarmu mezo
gep 9 no.9:332-348 S '62.

BOLONI, Istvan, dr., a muszaki tudományok kandidátusa

Output requirement of idle-running hammer mills. Jarmu mezo gep 9
no.12:461-465 D '62.

1. Mezogazdasagi Gepkiserleti Intezet.

BOLONI, Istvan

The KB-1 tractor in use. Mezogazd techn 1 no.1:2 '61.